

**Attachment 1**  
**Plugging and Abandonment Plan**  
**Sedat #4A Injection Well**

Plugging and Abandonment Plan:

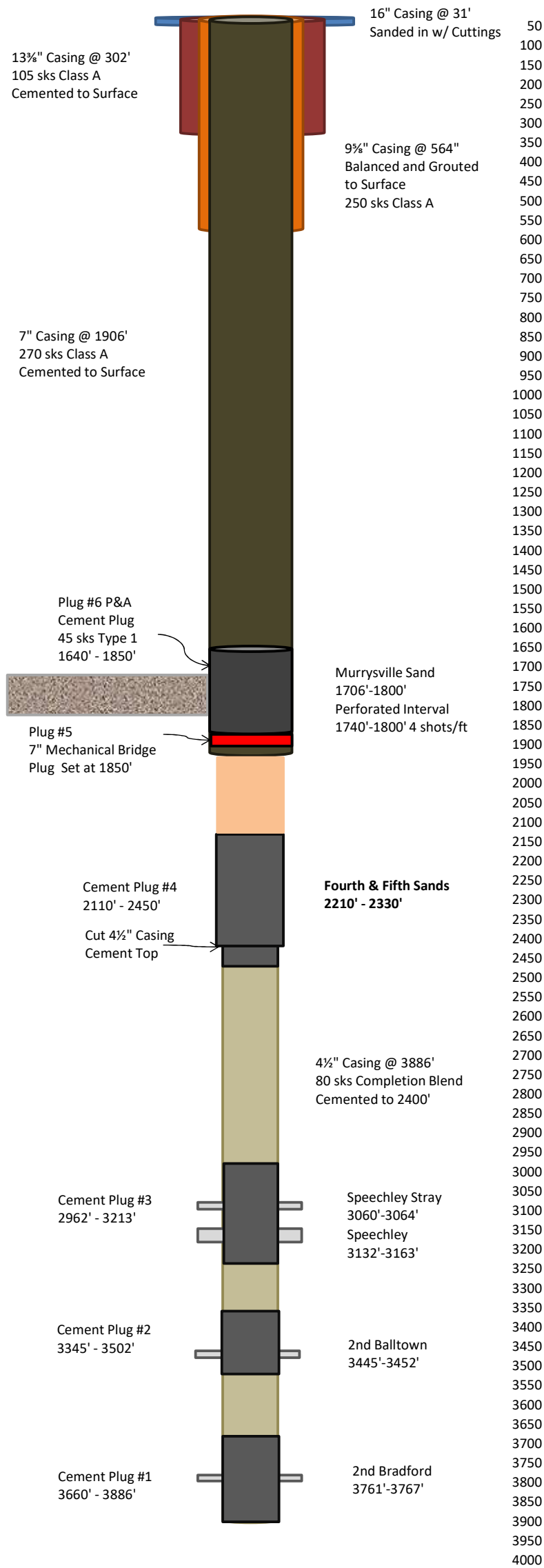
The company will plug the Sedat #4A in accordance with the Pennsylvania Bureau of Oil and Gas Management and the EPA regulations in place at the time of abandonment. The following actions will be taken:

- \* Move in service rig
- \* Set 4½" Cast Iron Bridge Plug at approximately 1,680'
- \* Run 2 7/8" tubing to 1,680'
- \* Spot solid plug from CIBP to Surface
- \* Retrieve and lay down tubing string
- \* Rig down and move out
- \* Haul tubing to storage or disposal
- \* Install monument with requisite detail

Form 7520-19 and cost estimate is attached.

Attachment 1

Sedat #4A 003-21644  
P&A Schematic



United States Environmental Protection Agency



## WELL REWORK RECORD, PLUGGING AND ABANDONMENT PLAN, OR PLUGGING AND ABANDONMENT AFFIDAVIT

Name and Address, Phone Number and/or Email of Permittee

Penneco Environmental Solutions, LLC  
6608 Route 22  
Delmont, PA 15626  
724-468-8232  
dmarcj@penneco.com

Permit or EPA ID Number

API Number

Full Well Name

37-003-21644

Sedat #4A

State

Pennsylvania

County

Allegheny

Locate well in two directions from nearest lines of quarter section and drilling unit

Latitude 40.526916

Surface Location

 1/4 of  1/4 of Section  Township  Range 

Longitude -79.711027

 ft. from (N/S)  Line of quarter section

 ft. from (E/W)  Line of quarter section.

Well Class

Timing of Action (pick one)

Type of Action (pick one)

- ☐ Class I  
☒ Class II  
☐ Class III  
☐ Class V

☒ Notice Prior to WorkDate Expected to Commence  Future Date☐ Report After WorkDate Work Ended ☐ Well Rework☒ Plugging and Abandonment☐ Conversion to a Non-Injection Well

Provide a narrative description of the work planned to be performed, or that was performed. Use additional pages as necessary. See instructions.

Upon the determination that the Sedat #4A well is no longer suitable for brine disposal, the well will be plugged starting with a 4½" Cast Iron Bridge Plug at approximately 1,680' (4½" casing seat depth) followed by 130 sks of Type 1 Cement from the CIBP to surface.

### Certification

I certify under the penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment. (Ref. 40 CFR § 144.32)

Name and Official Title (Please type or print)

D. Marc Jacobs, Jr.  
Senior Vice President

Signature

Date Signed

2/17/22